#### VEXOR Technology, Inc. 955 West Smith Road Medina Ohio 44256

Medina, Ohio 44256 Phone: 330-721-9773 FAX: 330-721-9438 EPA ID# OHD 077772895

## **MATERIAL CHARACTERIZATION**

www.vexortechnology.com

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Generator U.S	S. EPA Region I			Bill To Na	ame New Eng	pland Disposal Te	echnologies, Inc.	<u></u>	
Site Address				Site Addre					
City Oakville		tate CT ZIP 06779		City Sutton	750		te MA ZIP 015	90	
Phone	one Fax Phone 508-234-4440 Fax 508-234-4441								
EPA ID#	A ID# SIC Code Business Contact Michael J Robertson								
	ntact Mia Pasquerella			Title GM		il mrobertson@			
Title EPA OSC	e-mail pasquerel	ıla.mia@epa.gov							- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
		- 0% 0-84/PakdoWeek		IAL DESCRIPT	ION				
		1: Oily Solids/DebrisWaste orbents & PPE used durring				II C EDA	** 1 377		
		necticut State Regulated Oil		65	-	U.S. EFA	Hazardous Wast	e:Ye	sNo
_		1 Drum □ Tote		☐ Other/Expl	ain·				
Estimated Annu		ubic Yards Tons		Drums DM Con		erial (metal. 1	— nlastic_etc.)		
		□ Daily □ Weekly				20 90.5	5 350 350	veight	
					· · · · · · · · · · · · · · · · · · ·		PP	VOIGIL	
Preferred Dispo	sal Method:	Landfill □ Waste t	o Energy 🗖 Rec	ycling UVEF	—— □ Other _				
			MATERIAL!	PROPERTIES	AT 78 <sup>0</sup> I	₹			
		emi-solid Pow	der 🗆 Liquid	□ Phases		_			
		☐ Acid Reactive				osetting 🗷	none		
c) Flash Point, o	F: □ ≤ 72 □ >	>72-100 🗖 >100-	140 🗖 >140-2	00 ⋈ ≥200 □ 1	NA				
d) S. G./Density	e) pI	$H: \square \leq 2 \square > 2 -$	6 1 >6−9 □ :	>9 - <12.5 🗆 ≥	12.5	NA			
f) Odor: In Nor	ne 🗷 Mild 🗆 Str	rong : Describe: Pet	roleum			g) Color B	lack/Brown		
		<b>№</b> 0 ppm □ >1000						as a USEI	OIL, please
		NDUM and attach t					<u>~</u>		, ,
		-49 ppm* □ equa		*Supporting and	alysis and d	locumentatio	n required.		
MATERIAL C	COMPOSITION:	List all compone	nts, add up to 1	00%.	CHEMI	CAL COM	POSITION:		
	Constituent		Range % (w		CHEMICAL COMI OSITION.				
			Min	Max	Constitu	ient	Range	%	
Ab	sorbents (pads, boom, s	peedi-dry)	75	85			Min		lax
	PPE (gloves, boots, tyve	k suits)	10	20	Sulfur		N/A	1	N/A
	Waste Oil		1	5	Chlorine		N/A		N/A
					Bromine		N/A		N/A
					Fluorine		N/A		N/A
					Nitrogen		N/A		N/A
					Oxygen		N/A		N/A
A	combined total s	should equal 100%	6		Carbon		N/A		N/A
Above is based o	n: Generator Knov	wledge / Analyti	cal Data MSI	DS	Ash		N/A		N/A
Please attach ar	lalysis, ICLP in	formation and app	propriate MSDS	sheets.	Btu's		N/A		N/A
SAMPLE SUD	MILLED WILL	THIS PROFILE:	YesINC	)	Biomass		N/A		N/A
			Metals (c	other than RCR	A)				
Metal	ppm	Metal	ppm	Metal	ppm		Metal	ppm	
Γhallium	N/A	Antimony	N/A	Beryllium		N/A	Cobalt	N/	'A
Copper	N/A	Nickel	N/A	Vanadium		N/A	Tin	N/A	A
Zinc	N/A	Iron	N/A	Manganese		N/A	Magnesium	N/A	Ά
Molybdenum	N/A	Palladium	N/A						

Approval:	#
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## MATERIAL CHARACTERIZATION

RCRA C	CONTAMINANTS	: TCLP	TOTA	L	✓ NONE IN	THIS SEC	TION				
Į.			REGULA	ATORY						REGULATORY	
EPA#	NAME		<u>LEVEL</u>		<u>ACTUAL</u>	EPA#	<b>NAME</b>			LEVEL	<b>ACTUAL</b>
D004	Arsenic		>5.0	_		D024	m-Cresol			>200.0	
D005	Barium		>100.0			D025	p-Cresol			>200.0	
D006	Cadmium		>1.0	_		D026	Cresol (total	1)		>200.0	
D007	Chromium		>5.0	_		D027	1,4-Dichloro	obenzene		>7.5	0
D008	Lead		>5.0	_		D028	1,2-Dichlore	ethane		>0.5	
D009	Mercury		>0.2	_		D029	1,2-Dichlore	ethylene		>.13	
D010	Selenium		>1.0	-		D030	2,4-Dinitroto	oluene		>0.008	707
D011	Silver		>5.0	_		D031	Heptachlor			>0.13	
D012	Endrin		>0.02	_		D032	Hexachlorob	benzene		>0.5	
D013	Lindane		>0.4			D033	Hexachloro-	1,3-butadiene		>0.5	
D014	Methoxychlor		>10.0			D034	Hexachloroe		П	>3.0	
D015	Toxaphene		>0.05			D035	Methyl Ethy			>200.0	-
D016	2,4-D		>10.0			D036	Nitrobenzen			>2.0	
D017	2,4,5-TP (Silvex)		>1.0			D037	Petachloroph			>100.0	
D018	Benzene		>0.5			D038	Pyridine	ichoi		>100.0	
D019	Carbon Tetrchlor		>0.5			D039	Tetrchloroetl	hvlana		>0.7	
D020	Chlordane		>0.03			D039	Trichloroeth	151			
D021	Chlorobenzene		>100.0			D040	2,4,5-Trichlo			>0.5	
D021	Chloroform		>6.0					15 C		>400.0	
D023	o-Cresol		>200.0	_		D042 D043	2,4,6-Trichlo			>2.0	
D023	0-010301		~200.0			D043	Vinyl Chlori	de		>0.2	
I hereby conferred for Samples on neither I n	ertify that to the best of disposal. If this material subnor any other employas a hazardous wast	st of my kn nitted to VI yee of the c	owledge as	nd belief, representa	ative of the m	aterial descr	ribed in this pr	rofile. I further	certify t	hat by utilizing this	nrofila
	d Representative Na										
	d Representative Signature										
							7				
Title:					Date:						
	by:			Date:		Second r	eview:				
Approved	for treatment (pleas	e cneck and	d initial) _		Spe	cial Handli	ng (if yes, ma	ke process dire	ctions in	notes):	
Treatmen	t Soli	idification/I		Waste to Energy	VEF	Water	Used oil	Recycling	Other	( please note proce	ssing)
Check all	that apply										
	reason: per unit:									Date:	
Notes:	lotes:										

# VEXOR Technology, Inc. USED OIL Addendum For Approval of USED OIL

VEXOR Technology, Inc. 955 W. Smith Rd. Medina, OH 44256 Phone: 330-721-9773 Fax: 330-721-9438 EPA ID# OHD077772895

#### **Generator Status:**

Large Quantity: Small Quantity: X Conditionally Exempt Small Quantity:
Is this material a "USED OIL" as defined in the Ohio Administrative Code 3745-279-01? YES X NO
Has this "USED OIL" been mixed with hazardous waste YES NO X
Does this "USED OIL" contain greater than 1,000ppm total halogens? YESNO X
If "YES", can you identify the "halogenated constituent" present in the oil?
If "YES", can you rebut the presumption that this material is a "hazardous waste" under OAC 3745-279-21(B)? YES NO (If YES, complete the USED OIL REBUTTAL below)
USED OIL REBUTTAL
Generator:_U.S. EPA Region I
Address: 20 McLennan Dr.
City: Oakville State: CT Zip: 06779
Contact: Mia Pasquerella Title: U.S. EPA OnScene Coordinator
Waste Stream: Oily solids/debris
Process Generating Waste: Absorbents & PPE used during oil spill clean-up activities.
I, being an authorized representative of the generator, certify that the used oil waste stream being offered to, or shipped to, VEXOR Technology, Inc. for processing, as a non-hazardous waste, does not contain any halogenated hazardous constituents listed in 40CFR261.
Method of Rebutting the Presumption (check at least one)
The total halogen results are greater than 1,000ppm due to the present of chlorinated paraffin's in he formulation of the oil. (Material Safety Data Sheet attached)
Analysis attached using analytical method from SW-846
Name: XTitle: X
Signature:XDate:

#### VEXOR Technology, Inc. 955 West Smith Road

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Molybdenum

N/A

Palladium

## **MATERIAL CHARACTERIZATION**

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Approval #	
Sample #	
Sales Rep	
Date Submitted	

Generator U						ew England Disposal T	echnologies, Inc.			
	e Address 20 McLennan Dr.					Gilmore Dr	_			
City Oakville		State CT ZIP 06779	)	City Sutton			ate MA ZIP 015	90		
Phone EPA ID#		Fax		Phone 508-234-4440 Fax 508-234-4441  Business Contact Michael J Robertson						
191000000000000000000000000000000000000	ontact Mia Pasquerell	SIC Code		A STATE OF THE PARTY OF THE PAR						
Title EPA OS	e-mail pasque	erella.mia@epa.gov		Title GM	6	e-mail mrobertson	@NED linc.com			
11110										
			MATERIA	AL DESCRIPT	TION					
Name and Des	Name and Description of Material: Waste Oil									
Process Generating Material: Waste oil collectred durring oil spill clean up activities U.S. EPA Hazardous Waste:YesNo										
100 to 10		nnecticut State Regulated Oil				Control of the Contro				
Method of Shi	pment: Bulk	<b>Z</b> Drum □ Tote	□ Cubic Yd Box	□ Other/Expl	ain:					
Estimated Ann	nual Volume:	Cubic Yards Tons	Gallons 2x55 I	Drums DM Cor	ntainer	material (metal,	plastic, etc.)			
Frequency:	One Time Only	□ Daily □ Weekly	□ Monthly □	Yearly Othe	r- expl	ain 350 lbs.	Approx drum w	veight		
								20 <del>0</del> 0		
Preferred Disp	osal Method:	Landfill Waste	to Energy 🗖 Recy	cling □ VEF	□ Oth	ner				
	According to the second		MATERIAL P	ROPERTIES	SAT	78 <sup>0</sup> F				
a) Physical Sta	te: Solid 🗆 S	Semi-solid D Pow	der Liquid	☐ Phases		<del></del>				
b) Reactivity:	☐ Water reactive	e 🗆 Acid Reactive	Alkaline Read	ctive 🗆 Oxidiz	zer 🗆	Autosetting 🗷	none			
c) Flash Point,	°F: □ ≤ 72 □	>72-100 🗖 >100-	140 🗖 >140-20	0 № >200 □	NA					
d) S. G./Densit	y e) p	oH: □≤2 □ >2 -	6 2 >6−9 □ >	9 - <12.5 🗆 👱	≥12.5	$\square_{NA}$				
f) Odor: $\square$ No	one Mild - S	trong: Describe: Per	troleum			g) Color E	Black/Brown			
		<b>№</b> 0 ppm □ >1000						as a IJ	SED OIL, please	
		ENDUM and attach					ogou		oib, pieuse	
		1-49 ppm* □ equa	78	*Supporting and	alysis a	and documentation	on required.			
		: List all compone			Г					
THE COURT OF THE C	Constituer		Range % (wt-		CH.	EMICAL COM	IPOSITION:			
				Max	Con	stituent	Range	%		
	Waste Oil			100			Min	70	Max	
					Sulf	fur	N/A		N/A	
					Chle	orine	N/A		N/A	
	0.				Bro	mine	N/A		N/A	
					Fluorine		N/A		N/A	
					Nitr	ogen	N/A		N/A	
					Oxy	gen	N/A		N/A	
		should equal 100%			Carl	oon	N/A		N/A	
Above is based	on: Generator Kno	wledge / Analyti	ical Data 🗸 MSD	s	Ash		N/A		N/A	
Please attach a	malysis, TCLP in	nformation and app			Btu'	s	N/A		N/A	
SAMPLE SUE	BMITTED WITH	H THIS PROFILE	YesNo	<u> </u>	Bior	nass	N/A		N/A	
-10	16		Metals (of	her than RCR	Δ)					
Metal	ppm	Metal	ppm	Metal		opm	Metal	T		
Thallium	N/A	Antimony	N/A	Beryllium	-+	N/A	Cobalt	ppm	N/A	
Copper	N/A	Nickel	N/A	Vanadium	-	N/A	Tin		N/A	
Zinc	N/A	Iron	N/A	Manganese	-	N/A	Magnesium		N/A	

N/A

## MATERIAL CHARACTERIZATION

Approval #
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RCRA C	ONTAMINANTS	S: TCLP	TOTAL	r.	NONE IN	J THIS SEC	TION				
			REGULA		W. NONE II	V TIIIS SEC	TION			DD0***	.00
EPA#	NAME		LEVEL	IOKI	ACTUAL	EPA#	NAME			REGULATORY LEVEL	<u>Y</u> ACTUAL
D004	Arsenic		>5.0			D024	m-Cresol			>200.0	ACTUAL
D005	Barium		>100.0			D025	p-Cresol			>200.0	-
D006	Cadmium		>1.0			D026	Cresol (tota	T)		>200.0	
D007	Chromium		>5.0			D027	1,4-Dichlor			>7.5	-
D008	Lead		>5.0			D028	1,2-Dichlor			>0.5	
D009	Mercury		>0.2		· · · · · · · · · · · · · · · · · · ·	D029	1,2-Dichlor			>.13	
D010	Selenium		>1.0	-		D030	2,4-Dinitrot			>0.008	
D011	Silver		>5.0			D031	Heptachlor			>0.13	-
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D015	Toxaphene		>0.05	-		D035	Methyl Ethy		$\vdash$	>200.0	0
D016	2,4-D		>10.0	-		D036	Nitrobenzen		$\vdash$	>2.0	
D017	2,4,5-TP (Silvex)	) [	>1.0	-	**	D037	Petachloropl		$\vdash$	>100.0	
D018	Benzene		>0.5	-		D037	Pyridine		$\vdash$	>100.0	
D019	Carbon Tetrchlor	ride	>0.5	-	-	D039	Tetrchloroet	hvlene	H	>0.7	
D020	Chlordane		>0.03	_		D040	Trichloroeth	-240 <b>-</b> 001 (4.70 (4.00		>0.7	7
D021	Chlorobenzene		>100.0			D041	2,4,5-Trichlo			>400.0	
D022	Chloroform		>6.0	-		D042	2,4,6-Trichlo		H	>2.0	
D023	o-Cresol		>200.0	_		D043	Vinyl Chlori		Н	>0.2	
I hereby ce offered for Samples of neither I no classified a	f this material subror any other emplors a hazardous was	est of my kn mitted to VI byee of the o te, medical	owledge an EXOR are r company wi or infection	d belief, represent ill delive is waste	ative of the m r for treatmen or any other r	aterial descr t, processing material that	ribed in this p g or recycling this facility is	rofile. I further	certify	that by utilizing th	.i c1
Authorized	Representative N	ame (Printe	ed)				Company	y			
Authorized	Representative Si	gnature:									
Title:					Date:						
	oy:			Date:		Second r	eview:			Date:	
								1			
Treatment		idification/		Waste to Energy	VEF	Water	Used oil	Recycling	Other	( please note proc	cessing)
Check all	that apply										
Rejected – r	eason:										
Price:	per unit: _		_ CS initia	<u> </u>	_	Price a	pproved by:			Date:	
Notes:											

# VEXOR Technology, Inc. USED OIL Addendum For Approval of USED OIL

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If "YES", can you rebut the presumption that this material is a "hazardous waste" under OAC 3745-279-21(B)? YES NO (If YES, complete the USED OIL REBUTTAL below)
USED OIL REBUTTAL
Generator: U.S. EPA Region I
Address: 20 McLennan Dr.
City: Oakville State: CT Zip: 06779
Contact: Mia Pasquerella Title: U.S. EPA OnScene Coordinator
Waste Stream: Waste Oil
Process Generating Waste: Waste oil Generated from oil spill clean-up activities.
I, being an authorized representative of the generator, certify that the used oil waste stream being offered to, or shipped to, VEXOR Technology, Inc. for processing, as a non-hazardous waste, does not contain any halogenated hazardous constituents listed in 40CFR261.
Method of Rebutting the Presumption (check at least one)
The total halogen results are greater than 1,000ppm due to the present of chlorinated paraffin's in the formulation of the oil. (Material Safety Data Sheet attached)
X Analysis attached using analytical method from SW-846
Name: XTitle: X
Signature:XDate:
Signature: XDate: